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July 14, 2004

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBJECT: Applicant: Yi Liu
 Serial No: 09/702,074
 Filed: October 30, 2000
 For: ANTI-PARALLEL TAG FLOW MEASUREMENT
 SYSTEM
 Examiner: Martir, Lilybett
 Group: 2855
 Docket No: PAN-147J

Dear Sir:

Enclosed is a Statement of the Substance of the Interview of June 14, 2004.

If for any reason this Statement of the Substance of the Interview is found to be INCOMPLETE, or if at any time it appears that a TELEPHONE CONFERENCE with counsel would help advance prosecution, please telephone the undersigned or his associates, collect in Waltham, Massachusetts at (781) 890-5678.

In addition, pursuant to Rule 1.136(a)(3), the Office is hereby authorized to treat any future reply requiring an extension of time as incorporating a request therefor. Also, any request or Petition for an Extension of Time notwithstanding an inadvertent reference in the Petition to a shorter period of time is to be treated as requesting the appropriate length of time.

Kindly acknowledge receipt of the foregoing by returning the enclosed self-addressed postcard.

Sincerely,

Thomas E. Thompkins, Jr.
Reg. No. 47,136

TET:ok
Enclosures

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 14, 2004.

Olga Kadish



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yi Liu
Serial No: 09/702,074
Filed: October 30, 2000
For: ANTI-PARALLEL TAG FLOW
MEASUREMENT SYSTEM

Group: 2855
Examiner: Lilybett Martir
Docket No: PAN-147J

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Olga Kadish

STATEMENT OF THE SUBSTANCE OF THE INTERVIEW

On June 14, 2004, Examiner Martir conducted a telephone interview with the undersigned regarding the applicant's Preliminary Amendment filed on May 17, 2004 in the subject patent application.

The undersigned discussed with the Examiner independent claims 1, 8 and 13 and principally the cited references *Sheen et al.* and *Donelan et al.* in the context of the rejections and the applicant's arguments and amendments as set forth in the Preliminary Amendment. Also discussed were the advantages of tag flow measurement and measurement of the time interval representative of flow, including the problem of cross-talk with such measurement prior to the

applicant's claimed invention, and the applicant's claimed use of anti-parallel paths for reduction of cross-talk.

At the end of the telephone conference Examiner Martir stated that the claims were in good standing, although no specific agreement with respect to the claims was reached at that time.

The undersigned again thanks the Examiner for her time and attention.

If for any reason this Statement is found to be incomplete, or if at any time it appears that a telephone conference with counsel would help advance prosecution, please telephone the undersigned or his associates, collect in Waltham, Massachusetts at (781) 890-5678.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "T. Thompson, Jr.", written over a horizontal line.

Thomas E. Thompson, Jr.
Reg. No. 47,136